



County of San Diego
Planning & Development Services
BUILDING DIVISION

ACCESSIBILITY CORRECTION LIST

Public Accommodations
& Commercial Buildings

3B

Curb Ramps

PLAN CHECK #:

OWNER ON APPLICATION:

GENERAL REQUIREMENTS

1. Identify on site accessibility plan location of all curb ramps.
CBC 1127B.5
2. Built-up curb ramps shall not project into vehicular traffic lanes, parking stalls, or parking access aisles.
CBC 1127B.5(1) and CBC 1129B.3(3)
3. Curb ramps shall be located or protected to prevent obstruction by parked vehicles.
CBC 1127B.5(8)

DIMENSIONS AND SLOPES

4. Provide complete dimensions and coordinated detailing for each curb ramp.
CBC 1127B.5
5. Dimension minimum 48-inch width of each curb ramp run.
CBC 1127B.5(2)
6. Specify running slope – lying in a single-sloped plane with minimal surface warping and cross slope – of each curb ramp run.
CBC 1127B.5(2) and CBC 1127B.5(3)
7. Specify and dimension the following to verify slope(s) indicated per item 6 do not exceed 1:12 (8.3% gradient) for each curb ramp run:
 - ☐ Elevations at top and bottom curb ramp landings
 - ☐ Length of curb ramp run
CBC 1127B.5
8. Specify maximum 1:10 slope (10% gradient) for any flared sides of curb ramps.
CBC 1127B.5(3)
9. Specify surfaces of curb ramps and flared sides shall be stable, firm, slip-resistant finish contrasting with finish of adjacent walk.
CBC 1127B.5(5)
10. At top of each curb ramp, dimension minimum 48-inch-deep level landing for full curb ramp width.
Exception: Landings less than 48-inches deep allowed where flared sides of curb ramp limited to maximum 1:12 slope (8.3% gradient)
CBC 1127B.5(4)
11. Detail grooved border complying with the following per CBC Figure 11B-19C and CBC Figure 11B-20D at each curb ramp:
 - ☐ Located at level surface of walk along top and sides of curb ramp
 - ☐ 12-inches (absolute) wide
 - ☐ Grooves 1/4-inch deep
 - ☐ Grooves spaced 3/4-inch on center
CBC 1127B.5(6)

12. Detail detectable warning complying with the following at each curb ramp:
 - ☐ Extending full width and depth of curb ramp run
Exception: Where pair of parallel curb ramps provided per CBC Figure 11B-20B, Case C, with bottom landing outside vehicular way, minimum 36-inch-wide continuous detectable warning strip may be provided where bottom landing adjoins or enters vehicular way in lieu of detectable warning on both curb ramp runs
 - ☐ Slip-resistant and integral part of walking surface
 - ☐ Including raised truncated domes per CBC Figure 11B-23A:
 - o 0.9-inch base diameter tapering to 0.45-inch top diameter
 - o 0.2-inch height
 - o 2.35-inch center-to-center spacing
 - ☐ Visual contrast with adjoining surfaces, light on dark or dark on light, with contrast material an integral part of walking surface
CBC 1127B.5(7)
13. Specify the following for transitions from curb ramps to adjoining walks, gutters, and streets per CBC Figure 11B-21(b):
 - ☐ Flush and free of abrupt change
 - ☐ Maximum 1:20 slope (5% gradient) of adjoining walks, gutters, and streets within 48 inches of bottom of curb ramp
CBC 1127B.5(3)
14. Detail and dimension any diagonal/corner curb ramps to comply additionally with the following:
 - ☐ Minimum 48-inch clear space at bottom of ramp and within any marked crossings per CBC Figure 11B-22(c) and (d)
 - ☐ If ramps have returned curb or other well-defined edges, such edges shall be parallel to direction of pedestrian flow per CBC Figure 11B-22(d)
 - ☐ If ramps have flared sides, minimum 24-inch-long segment of straight curb required on each side of ramp and within any marked crossings per CBC Figure 11B-22(c)
CBC 1127B.5(9)

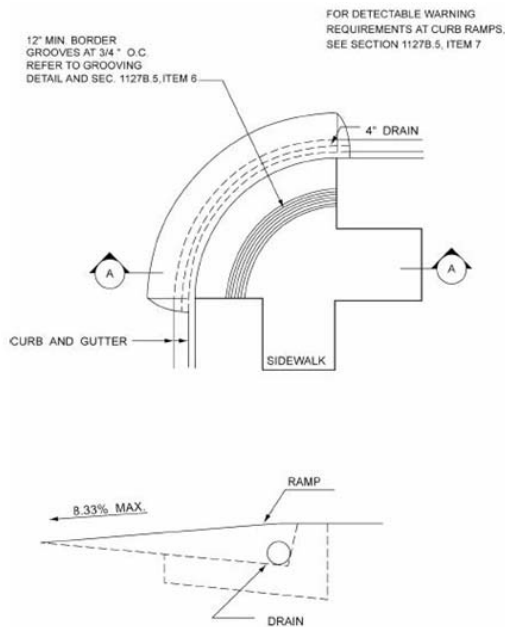
TRAFFIC-CONTROL DEVICES

15. Detail any pole-supported pedestrian traffic-control buttons to comply with the following:
 - ☐ Located maximum 48-inches above ground
 - ☐ Identified with color coding of textured horizontal 2-inch-wide yellow band encircling pole with 1-inch-wide dark border above and below
 - ☐ Color coding placed immediately above control button
 - ☐ Minimum 30-inch by 48-inch level area on accessible route provided adjacent to pole for operation of traffic-control device
CBC 1117B.5.9

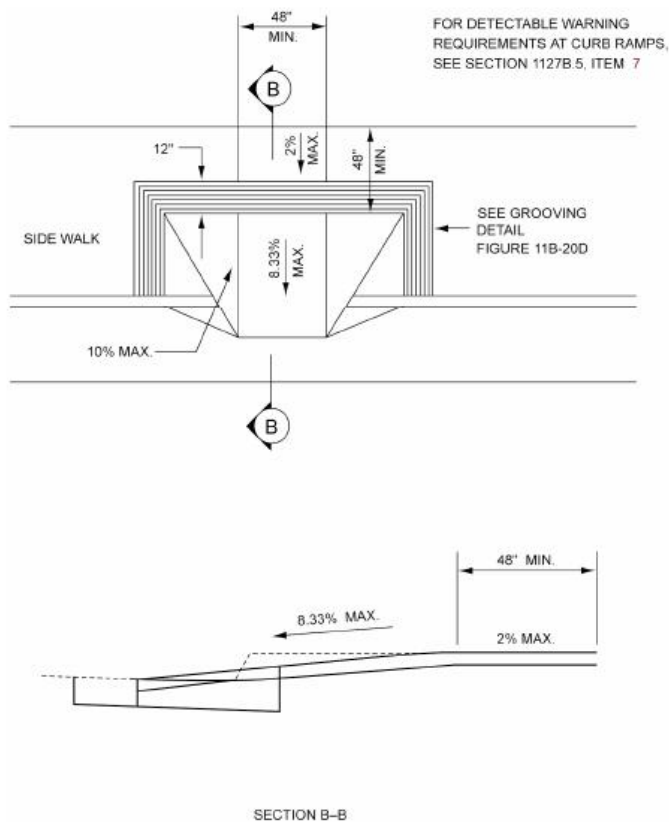
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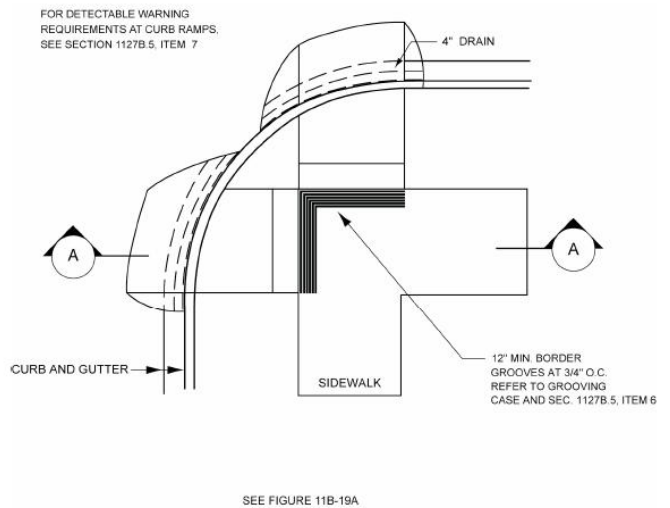
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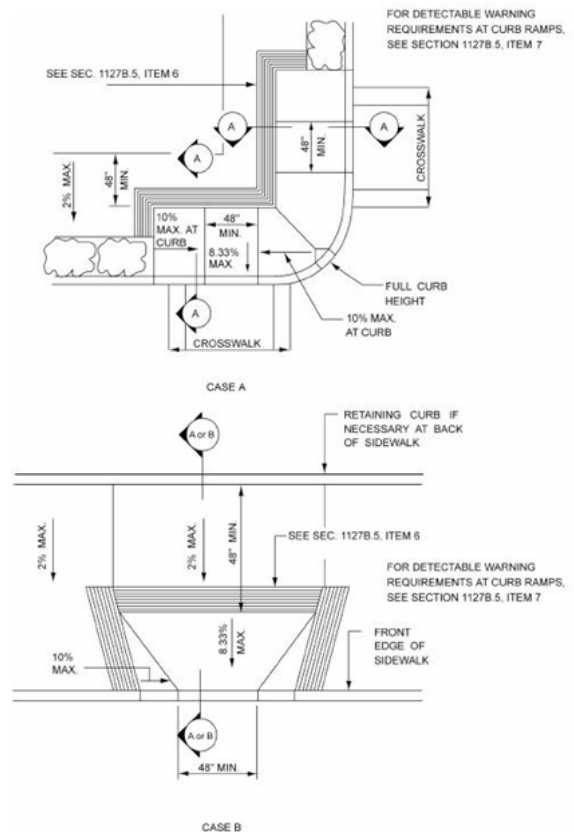
CBC FIGURE 11B-19A – CURB RAMP DETAILS



CBC FIGURE 11B-19C – CURB RAMP DETAILS



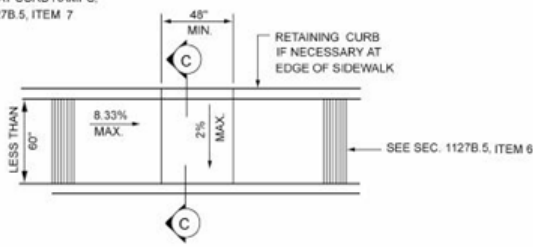
CBC FIGURE 11B-19B – CURB RAMP DETAILS



CBC FIGURE 11B-20A – CURB RAMP DETAILS

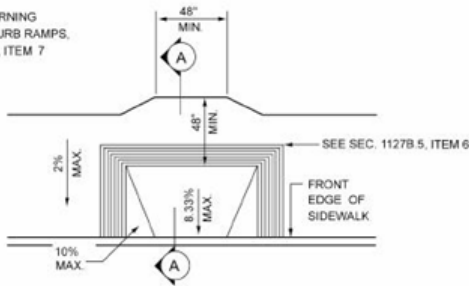
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FOR DETECTABLE WARNING
REQUIREMENTS AT CURB RAMP,
SEE SECTION 1127B.5, ITEM 7



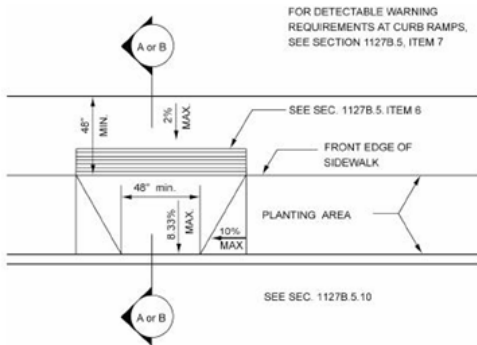
CASE C
SIDEWALK LESS THAN 60' WIDE

FOR DETECTABLE WARNING
REQUIREMENTS AT CURB RAMP,
SEE SECTION 1127B.5, ITEM 7

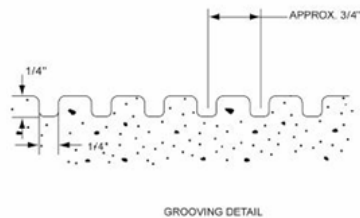


CASE D

CBC FIGURE 11B-20B – CURB RAMP DETAILS



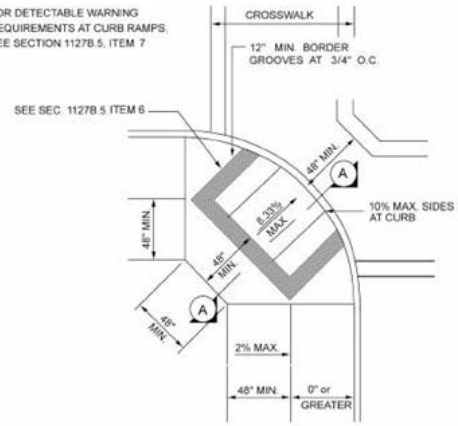
CASE G



GROOVING DETAIL
CASE H

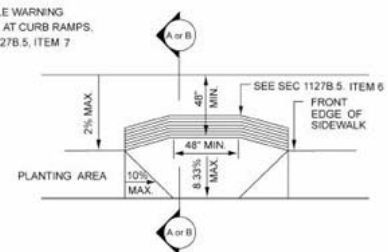
CBC FIGURE 11B-20D – CURB RAMP DETAILS

FOR DETECTABLE WARNING
REQUIREMENTS AT CURB RAMP,
SEE SECTION 1127B.5, ITEM 7



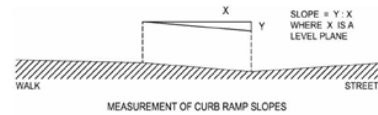
CASE E

FOR DETECTABLE WARNING
REQUIREMENTS AT CURB RAMP,
SEE SECTION 1127B.5, ITEM 7

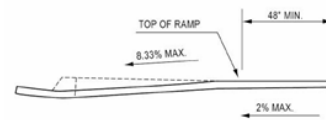


CASE F

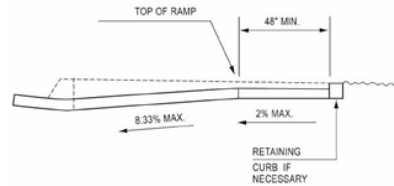
CBC FIGURE 11B-20C – CURB RAMP DETAILS



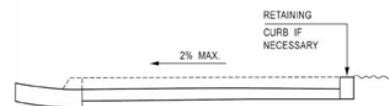
MEASUREMENT OF CURB RAMP SLOPES



SECTION A-A



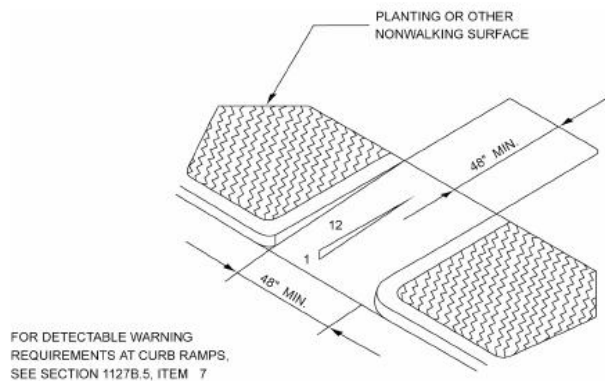
SECTION B-B
DEPRESS ENTIRE SIDEWALK AS REQUIRED



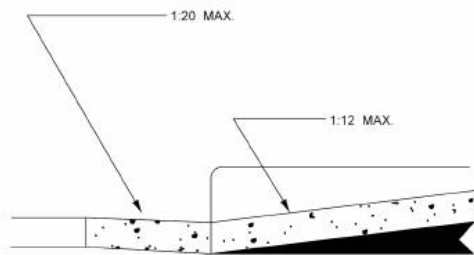
SECTION C-C

CBC FIGURE 11B-20E – CURB RAMP DETAILS

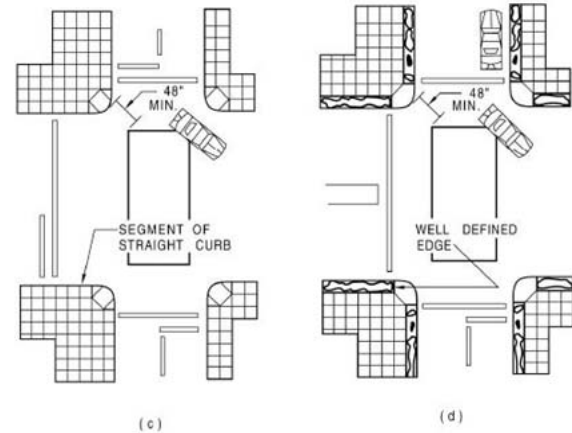
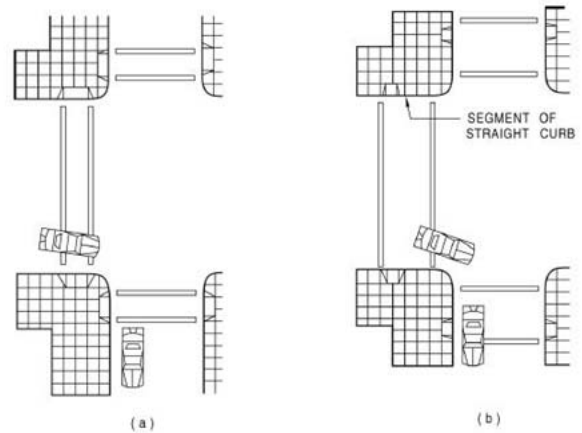
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(a)

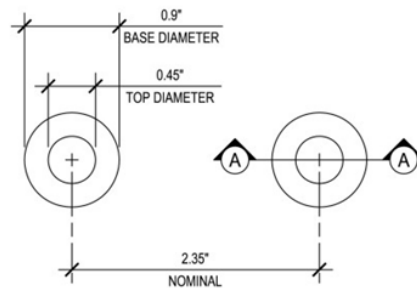


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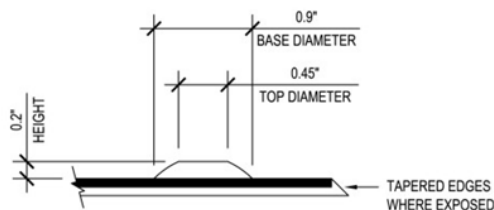


CBC FIGURE 11B-21 – CURB RAMP DETAILS

CBC FIGURE 11B-22 – CURB RAMPS AT MARKED CROSSINGS



(a) TRUNCATED DOME SPACING



(b) TRUNCATED DOME SECTION A-A

CBC FIGURE 11B-23A – TRUNCATED DOMES

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